



SimpleTech



USB Flash Drive User Guide

Version 1.2

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1. USB Flash Drive Features:

The SimpleTech USB Flash Drive epitomizes plug & play. No more troublesome installation of drivers to detect the drive on most operating systems. Simply plug the USB Flash Drive into the USB port on any notebook or desktop computer and start transferring your files. With faster data transfer rates and higher storage capacities; this revolutionary portable storage device will replace your floppy disks, CD's, and other storage devices.

- Supports USB 1.1 maximum speed of 12 Mbits/sec (1.5 Mbytes/sec)
- Bus-powered with no external power supply
- Mass storage compliant
- Hot Plug (Plug and Play) via USB port
- Non-mechanical drive; greatly reducing the chance of failure and increasing durability.
- Up to 10-years of data retention.
- No installation required⁺
- Compact, light and very low power consumption.
- Capacities ranging up to 1GB
- Disk write protection switch to protect your files/data from being mistakenly overwritten.

⁺Except for Windows 98 & Windows 98SE, which requires driver installation

2. Using Your USB Flash Drive

The flash is plug-n-play device. Simple insert the drive in USB port. The device is recognized with a drive letter in Windows XP/200/Me and shows up as an icon in Apple operating systems.

1. Remove the cap from the USB Flash Drive.
2. Insert the USB Flash Drive into the USB port on your computer.
3. Read or write your data.

Note: Window 98/98SE Users

Drivers are required only for Windows 98/98SE. Please visit our website at <http://www.simpletech.com/support> to download the drivers.

3. Driver Installation for Windows®98/ Windows®98 SE

3.1 Files List

When you download and install the drivers, the following files will be installed in your system.

- Usbmsd.inf
- Usbmsd.sys
- Usbmsd.pdr

3.2 **Procedure for Downloading/ installing drivers:** **(For Windows® 98 & 98 SE only):**

Prior to installation of the USB Flash Drive in the Windows 98/98SE operating system, please visit the SimpleTech web site and download the corresponding device driver. This step will be necessary to complete prior to the installation of the USB Flash Drive. The file can be downloaded from the following web site URL:

<http://www.simpletech.com/support>

3.2.1 Installation of the Drivers

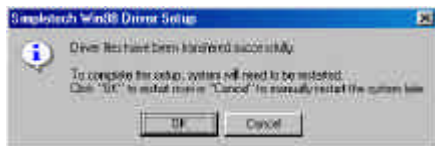
1. Click on the link **download the drivers** and then click on the link **USB Flash Drive** from the list. The file name is **USB_Flash_Driver.exe**. Save this file to a temporary directory on your computer. Then, Double click on the **USB_Flash_Driver.exe** file and click on **setup**.



2. Select the **capacity** corresponding to your USB flash drive and click **install**.



3. After the drivers are installed, you will see the following screen. If you click **OK**, your system will be automatically be restarted.



After you restart the system, connect the USB flash drive as explained below.

3.2.2 Connecting the USB Flash Drive

You need to go through the following procedure only once, when you connect the USB flash drive to your computer for the first time.

1. Insert your USB Flash Drive into your PC/Notebook's USB port. Windows will detect that a new hardware device is connected and the "Add New Hardware Wizard" screen will appear. To install the drivers, click the "Next" button.



2. The dialog box gives you two options to search for the windows drivers. Select “Search for the best driver for your device. (Recommended)” and click the “Next” button to continue the installation.



3. The dialog box presents several locations to search for the drivers. Check the “Specify a location” checkbox and uncheck the rest. Click the browse button, go to the C:\Simpletech directory, and click the “OK” button. Click the “Next” button to proceed.



4. The wizard finds the appropriate driver and Windows is now ready to install the driver. Click the “Next” button to begin installing the drivers. Click the “Back” button to specify the location again if drivers are not found.



5. When the drivers have been installed, the dialog box shows that Windows has finished the installation of the USB Mass Storage Drive. Click the “Finish” button.



Now that the drivers have been installed into your system, you should see a **new drive letter with a Removable Disk icon** appearing in the window when you browse “**My Computer**.”

WARNING: It is not advised to remove the USB Flash Drive from the USB port while the LED is still blinking. This will help protect against the potential loss or corruption of files and data in the card

3.3 Uninstalling the drivers for Windows 98/98SE

Double click the **USB_Flash_Drive.exe** file and click on **setup**. When you see the following screen, select the **capacity** corresponding to your USB flash drive and click on **Remove**.



4. Specifications

Items	Descriptions
Supported PC Systems	IBM compatible, Apple and Linux computers and notebooks with USB 1.1 ports
Supported Operating Systems	Windows®98/ 98SE/ 2000/ ME/ XP; Mac OS 8.6 above; and Linux (Kernel 2)
Power Supply	USB bus-powered (4.5V to 5.5V)
Available Capacities	Up to 1GB
Host Interface	Universal Serial Bus, USB Spec. 1.1 UHCI (Universal Host Controller Interface) OHCI (Open Host Controller Interface)
Operating Current	< 40mA
Suspend Current	< 300uA, compliant to USB spec. of < 500uA
Data Retention	Up to 10 years
Write Protection	Yes, with write protection switch
1 LED built-in	LED on: Drive connected and enumerated LED blinking: Data receiving and transmitting
Data Reading Speed (USB Flash Drive to Host)	>500KBytes/Sec (Depending on PC system)
Data Writing Speed (Host to USB Flash Drive)	>250KBytes/Sec (Depending on PC system)
Operating Temperature	0°C ~ +50°C
Storage Temperature	-20°C ~ +80°C
Relative Humidity under operation (Non-Condensation)	20% ~ 80%
Relative Humidity under storage (Non-Condensation)	5% ~ 95%
Dimension (L x W x H)	68 mm x 19 mm x 8 mm
Weight	12g (approx.)
EMI Compliance	FCC Class B, CE, VCCI, BSMI, C-TICK, MIC

**For reference only. We reserve the rights to make changes on any specifications without any notice.*

5. TRADEMARK and WARRANTY

TRADEMARKS

All trade names referenced in this manual are the service mark, trademark, or register trademarks of their respective manufacturers. SimpleTech reserves the right to change specifications without any notice.

USB FLASH DRIVE

Your USB Flash Drive comes with hardware warranty. SimpleTech warrants this product against defects in material and workmanship. This warranty applies only to the original purchase and is not transferable. This warranty does not cover any incompatibilities due to user's computer, hardware, software or any other related system configuration in which this product interfaces. Proof of purchase will be required before any warranty consideration by SimpleTech occurs.

This warranty does not cover any damage caused by negligence, non-authorized modification, or parts installed without prior permission from SimpleTech.

This warranty does not apply to any failure or deficiency which has been caused by misuse, neglect, alteration, improper installation or handling, unauthorized repair or modification, improper testing, accident or causes external to the product, such as, but not limited to, excessive heat or humidity, power failure or improper installation. SimpleTech's warranty as set forth shall not be enlarged, diminished or affected by, and no liability shall arise out of, SimpleTech's rendering of technical advice or service in connection with your order. The warranty set forth above is not assignable by you.

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The USB Flash Drive is designed for standard applications such as for office and personal computing applications. It is not designed for use in special applications (such as airplanes, aerospace, automobiles, traffic control equipment, combustion equipment, life support systems and safety devices) in which exceptional quality and reliability are required, or in which the failure or malfunction of products may directly jeopardize life or harm the human body.

This warranty applies only to this product, and is governed by the laws of the United States.

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SimpleTech does NOT warrant that the function contained in the software will meet your requirements or that the operation of the software will be uninterrupted or error free.

The warranty set forth above shall not apply to any failure or deficiency which has been caused by misuse or improper use or operation, neglect, improper installation, unauthorized repair or modification, adjustment or alteration, improper testing, accident or causes external to the product, such as, but not limited to, excessive heat or humidity, power failure, or improper installation. SimpleTech’s warranty as set forth above shall not be enlarged, diminished or affected by, and no liability shall arise out of, SimpleTech’s rendering of technical advice or service in connection with your order. This warranty set forth is not assignable by you.

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This Agreement is governed by United States law and you agree to submit to the exclusive jurisdiction of the US Courts.

6. CERTIFICATION INFORMATION

This product generates and uses radio frequency (RF) energy. If the equipment is not installed and operated in strict accordance with the manufacturer's instructions, interference to radio and television reception may result.

◆ Interference

This equipment complies with Part 15 of the FCC Rules and its operation is subject to the following conditions:

- (1) The equipment may not cause harmful interference.
- (2) The equipment must accept any interference received, including interference that may cause undesired operation.

Part 15, Class B, of the FCC Rules, is designed to provide reasonable protection against radio and television interference installation. Although the equipment has been tested and found to comply with allowed RF emission limits, as specified in the above-cited Rules, there is no guarantee that interference will not occur in a particular situation. Interference can be determined by turning the equipment off and on while monitoring radio or television reception. The user may be able to eliminate interference by implementing one or more of the following measures:

- Reorient the affected device.
- Increase the distance between the affected device and the computer equipment.
- Plug the computer and its peripherals into a different branch circuit from that used by the affected device.

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You may not:

a. use the software on more than one computer, workstation, or file server at a time, in a network or a multi-user system; **b.** modify, translate, reverse engineer, decompile, disassemble, create derivative works based on, or copy (except for the backup copy of the software only) the software or the accompanying documentation; **c.** transfer, sell, charge, rent or lease or otherwise deal in or encumber any rights in the software or accompanying documentation in any form to any person or use the software or accompanying documentation on behalf of any third party or make available the same to any third party without the prior written consent of SimpleTech which, if given, is subject to the transferee's consent to the terms and conditions of this license; or **d.** remove any proprietary notices, labels, or marks on the software, documentation, and containers.

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8. Contact / Technical Support

SimpleTech

3001 Daimler Street
Santa Ana, CA 92705
USA

Tel: 949-476-1180

Fax: 949-476-1209

Website: <http://www.simpletech.com>

SimpleTech Europe

Commercial

Brunel Building
Scottish Enterprise Technology Park
East Kilbride, Scotland
G75 0QD

Sales: 44-1355-57-2850

Fax: 44-1355-57-2868

Technical Support

<http://www.simpletech.com/support>

Tel: 949-476-1180 in USA

Tel: +44.1355.57.2850 in Europe

Please register with us today. You will receive free and unlimited technical support as a registered user. Plus you will also receive special product updates and offers that we only extend to registered users.

Registration Web Site: www.simpletech.com/registration

Note: Window 98/98SE Users

Drivers are required only for Windows 98/98SE. Please visit our website at www.simpletech.com/support to download the drivers.